	11	Recei	ving Rep	ort		
	Date: $\frac{13/6/x}{x}$)	Batch	n No:	126070	
	Supplier: RYRA	500	Dart	P/O:	15192	
Packing Slip: Invoice: Receipt: Discrepancie	Yes No Cash Cr	/ S	elease Note A /aybill Attache hipment Com C6 Inspection /ork Order	ed: Y plete: Y	es Nees Nees Nees Nees Nees Nees Nees N	
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M606	163 075-0	80 mo	12	ن د	0	12
				1.	:	
		Initials	of receiver (if shipment	OK) Level	12 🖳
Production/Add Date Received/Con Initial	13/4/20				Locati	on

Purchase Order Receipt Listing

Thursday, June 20, 2013 1:03:50 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO20192 Receipt Dates from 6/20/2013 to 6/20/2013 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line F Nbr/ Insp Req	Project ID	Reference/ P(Description/ St Cert Std	PO U/M / Stock U/M	% -	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name PO20192 1	dor Name 1	VC-I	VC-RYS001 Ryerson Canada M6061T6B0.375X01. f	nada		6/19/2013	6/19/2013 6/20/2013	12.0000	\$1.04	0.0000	0	\$12.44
CAD	No		6061-T6 Bar .375 x f 1.25 M126075			. 12.0000	DESJ02		\$12.44	0.000	0	
	5		M6061T6B0.375X02. f			6/19/2013	6/20/2013	12.0000	\$1.66	0.0000	0	\$19.91
	No		6061-T6 Bar .375 x f 2.00 M126075	.'		12.0000	DESJ02		\$19.91	0.0000	0	
	4		M6061T6B0.750X02. f 000			6/19/2013	6/20/2013	12:0000	\$3.15	0.0000	0	\$37.77
	No		6061-T6 Bar .750 x f 2.00 M126075			12.0000	DESJ02		\$37.77	0.0000	0	
	5		M6061T6B0.750X04. f			6/19/2013	6/20/2013	24.0000	\$6.29	0.0000	0	\$151.08
	No		6061-T6 Bar .750 x f 4.00 M126075			24.0000	DESJ02		\$151.08	0.0000	0	
	9		M6061T6B1.000X02. f			6/19/2013	6/20/2013	0000.96	\$4.20	0.0000	0	\$402.85
	No N	•	6061-T6 Bar 1.00 x f 2.00 M126075			0000.96	DESJ02		\$402.85	00000	0	
	7		M6061T6B1.000X12. f			6/19/2013	6/20/2013	24.0000	\$25.18	0.0000	0	\$604.34
	No		6061-T6 Bar 1.00 x f 12.00 M126075			24.0000	DESJ02		\$604.34	0.000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	D Reference/ Description/ Cert Std		PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name PO20192 8	dor Nam 8		VC-RYS001 Ryerson C M6061T6B1:500X01. f 500	Ryerson Canada :500X01. f	lda	6/19/2013	6/20/2013	36.0000	\$4.72	0.0000	0	\$169.96
CAD	No		6061-T6 Bar 1.50 x 1.50 M126075	1.50 x f		36.000	DESJ02		\$169.96	0.0000	0	
	6	•	M6061T6B1.500X04. f	.500X04. f		6/19/2013	6/20/2013	24.0000	\$12.59	0.0000	0	\$302.15
	No		6061T6 Bar 1.500 x 4.00 M126075	1.500 x f		24.0000) DES102		\$302.15	0.0000	0	
	10		M6061T6B2.000X01. f 250	.000X01. f		6/19/2013	6/20/2013	12.0000	\$5.25	0.0000	0	\$62.95
	No		6061-T6 Bar 2.00 x 1.25 M126075	2.00 x f		. 12.000	DESJ02		\$62.95	0.0000	0	
	1		M6061T6B30000X01 f .500	0000X01 f		6/19/2013	6/20/2013	12.0000	\$9.44	0.0000	0 .	\$113.31
	No		6061-T6 Bar 3.00 x 1.50 M126075	3.00 x f		12.0000	DESJ02		\$113.31	0.0000	0	
	12 No		M6061T6S.063 = 6061-T6 .063 Sheet M126075	Sheet sf		6/19/2013	6/20/2013 DESJ02	336.0000	\$1.89	0.0000	0 0	\$633.82
	13° No		M6061T6S.125 6061-T6.125 Sheet M126075	25 sf 5 Sheet sf		6/19/2013 32.0000	6/20/2013 DESJ02	32.0000	\$3.91	0.0000		\$125.22
	14 No		M304S11GA 304/316 0.125 Sheet M126075	sf Sheet sf		6/19/2013 192.0000	6/20/2013 DESJ02	192.0000	\$7.29 \$1,400.45	0.0000	0 0	\$1,400.45
	15 No		M304S14GA 304SS sheet .080	st 080.		6/19/2013	6/20/2013 DESJ02	128.0000	\$4.46	0.0000	0 0	\$570.98
			C/007TAI						T	Total Received Quantity:	uantity:	952.0000
								***	Total (Total Qty to Inspect (PO U/M):	O U/M):	0.0000
										Total Reject Quantity:	uantity:	00000
									Tot	I otal Receipt value: Total Balance Due Quantity:	t value: uantity:	\$4,007.24 0.0000

Page 2 of 2



g

Shipping Order / Bordereau d'expédition

S.O. / Bordereau d'expédition

06/19/13 17:54 CST

Ŋ ge

Page

					Ott. Chinnod // Ntó ownód
Line / # de ligne	<u>Item</u>	<u>Description</u>			Oth Suippen/Are expen
10101	FIST DIAM DIAM AL	AT RYTHRITH GOGITGS11 COIN CARRE 3/8	COIN CARRE 3/8 X 1 1/4	X 144	

Tariff Code / Code tarifaire: 7604.29.00.19 Order Qty/Qte commandee Qty Comm:

T: 362884 C: 201302134

X 144

Pcs:

1 pcs Loc EXP

UEA

5131-4227 PLAT AL EXTRUDE 6061T6511 COIN CARRE 3/8 X 2

*** Filled by Initials/Rempli par initiale: MT

Cntrl: X6FM3793

(1 -BUNDL 7)

Tariff Code / Code tarifaire: 7604.29.00.19 Order Qty/Qte commandee (0 -PK/WI 11 LINE 1)

T: Z00119020

C: Z00119020

Cntrl: X6FK7929

Qty Comm:

2

1 pcs Loc EXP

*** Filled by Initials/Rempli par initiale: MT

5131-7162 PLAT AL EXTRUDE 6061T6511 COIN CARRE 3/4 X 2 Tariff Code / Code tarifaire: 7604.29.00.19 Order Qty/Qte commandee

(0 -PK/WI 21 LINE 1)

Qty Comm:

Pcs:

×

Customer/Driver Instructions / Commentaires du client/chauffeur: HEURES D'OUVERTURE 7H @ 16H LUN @ VEND DECHARGEMENT AU CHARIOT ELEVATEUR_AVANT COTE CHAUFFEUR CFC ET MTR REQUIS A LA LIVRAISON

Processing of this material may present a physical and or health Alloys of Aluminum, Copper, Steel Caution:

hazard. See material safety data sheets for further information Les alliages d'aluminum, de cuivre, d'acier Avertissement: le Traitement de ce matériel peut présenter un risque physique et ou pour la santé. Pour de plus ample information voir les fiches.

Packing List/Bordereau de marchandises

Acceptance of goods constitutes acceptance of our Terms and Conditions, available on our website at www.Ryerson.com, L'acceptation des marchandises constitue un consentement a nos termes et conditions, qui sont disponibles or from your sales representative, or by calling (800) 268-2680. Received by/ Recu Par:

Date:

sur notre site web www.ryerson.com, ou par votre representant interne, ou par telephone (800) 268-2680

RYNESON

Shipping Order / Bordereau d'expédition

Oty Shipped/Oté expédiée B.O.Oty/En souffrance S.O. / Bordereau d'expédition X6-310685 20192 P.O. / Bon de commande UEA UEA 8.00 2.00 06/19/13 17:54 CST Phone/Tel (613)632-3336 EXP EXP 1 pcs Loc EXP 2 pcs Loc EXP 7 pcs Loc pcs Loc pcs, m Ŋ ģ Pcs: Pcs: X 144 Pcs: N X 144 ON K6A 1K7 Page X 144 T: K000137039 Tariff Code / Code tarifaire: 7604.29.00.19 T: Z00242037 Tariff Code / Code tarifaire: 7604.29.00.19 131-8251 NLAT AL EXTRUDE 606116511 COIN CARRE 1 X 2 Tariff Code / Code tarifaire: 7604.29.00.19 5131-7634/ PLAT AL EXTRUDE 606116511 COIN CARRE 3/4 X T: MRB0477 CARRE AL EXTRUDE 6061T6511 1 1/2 X 1 1/2 T: 728280 T: RB0115 VAUDREUIL-DORION OC J7V 5V5 1270, ABERDEEN STREET Ship to/Expedier a: DART AEROSPACE LTD. VAUDREUIL QC J7V 5V5 HAWKESBURY *** Filled by Initials/Rempli par initiale: MT Order Qty/Qte commandee Order Qty/Qte commandee Order Qty/Qte commandee C: Z00116038 C: Z00222066 C: 201305462 200242037 Description C: 201306611 ON K6A 1K7 (450) 424-0153ر. ت Cntrl: X6FK0008 Cntrl: X6FL7791 Cntrl: X6FL7109 Cntrl: X6FK4173 Cntrl: X6FL6627 200 RUE DU CHEMINOT 200 RUE DU CHEMINOT 1270, ABERDEEN STREET 0 -PK/WI 169 LINE 1) (0 -PK/WI 85 LINE 1) (0 -PK/WI 95 LINE 1) Sold to/Facturer a: DART AEROSPACE LID. Item 5190-5909 Phone/Tel Line /# de ligne HAWKESBURY Qty Comm: Qty Comm: # ğ

Ŋ

o

Customer/Driver Instructions / Commentaires du client/chauffeur: HEURES D'OUVERTURE 7H @ 16H LUN @ VEND DECHARGEMENT AU CHARIOT ELEVATEUR_AVANT COTE CHAUFFEUR CFC ET MTR REQUIS A LA LIVRAISON

L'acceptation des marchandises constitue un consentement a nos termes et conditions, qui sont disponibles

or from your sales representative, or by calling (800) 268-2680.

Received by/ Recu Par:

sur notre site web $\frac{www.ryerson.com}{}$, ou par votre representant interne, ou par telephone (800) 268-2680

Processing of this material may present a physical and or health Alloys of Aluminum, Copper, Steel Caution: Packing List/Bordereau de marchandises Acceptance of goods constitutes acceptance of our Terms and Conditions, available on our website at www Ryerson.com,

hazard. See material safety data sheets for further information Les alliages d'aluminum, de cuivre, d'acier Avertissement: le Traitement de ce matériel peut présenter un risque physique et ou pour la santé. Pour de plus ample information voir les fiches.

RYFRSON

Shipping Order / Bordereau d'expédition

06/19/13 17:54 CST de 5 Page VAUDREUIL-DORION QC J7V 5V5 1270, ABERDEEN STREET Ship to/Expedier a: DART AEROSPACE LTD. VAUDREUIL QC J7V 5V5 (450) 424-0153 200 RUE DU CHEMINOT 200 RUE DU CHEMINOT 1270, ABERDEEN STREET Sold to/Facturer a: DART AEROSPACE LID. Phone/Tel # <u>Q</u>

ü		** :	01	
d'expéditic	X6-310685	mmande	20192	
S.O. / Bordereau d'expédition	:-9X	P.O. / Bon de commande		
S		<u> </u>		

ON K6A 1K7

Phone/Tel (613)632-3336

e B																	
Otv Shipped/Oté expédiée B.		UEA						UEA			٠.	•		UEA			
Oté e																	
pped/		2.00						1.00						1.00			
ty Sh																	•
9			<u> </u>	EXP						EXP						EXP	
-		\	((1 pcs Loc EXP			\			bcs roc			\			pgs Loc	\
		?	1	pcs			٩	7		pcs				1		pçs	
		Ŋ		- 				Π.		Н				П		Н	-
	X 144					X 144		ro				X 144		 			
		PCS:					a	Pcs:				,		Pcs:			
	6061T6511 COIN CARRE 1 1/2 X 4	6	(20		6061T6511 COIN CARRE 1 1/4 X 2	6	_		7		6061T6511 COIN CARRE 1 1/2 X 3	ف. ز	_		ω.	
	. 1/2	OO.I	0	200212048 362889		1/4	00	UEA		200247012		1/2	90.1	UEA		Z00649008	
	KE 1	1.29	1	362889		RE 1	1.29					RE 1	1.29.			Z006	
	4 CAF	7604 2	. E	 ⊣ [⊣		I CAF	7604	Н		ä		N CAF	7604	Н		::	
	COI	Tariff Code / Code tarifaire: 7604.29.00.19			Eu	COI	Tariff Code / Code tarifaire: 7604.29.00.19				F	COI	Tariff Code / Code tarifaire: 7604.29.90.19				F
	6511	rifa. ndee			M	6511	rifa	ndee			e :	6511	rifa	ndee			e: MI
otion	061T	de tarifa		84 8 69	tial	061T	e ta	commandee		12	tial	061T	e ta	commandee		80	tial
Descripti		Cod te c	(Z00212048 201302069	ini		Cod			2470	ini		Cod			6490	ini
De	XTRU	riff Code / Cc Order Qty/Qte	,	Z00 201	par	XTRU	de /	Order Qty/Qte		Z00	par	XTRU	de /	Order Qty/Qte		Z00	par
	AL E	f Co ler Q	:	ပံ ပံ	ilqm:	AL E	ე ქ	ler Q		ບ	inpli	AL E	S I	ler Ç		ິ	ilqm:
	LAT	arif Ord	_	.9657 .9658	s/Re	LAT	larif	Orc	_	18812	s/Re	PLAT	larif	Orc	_	13298	Ls/Re
Item	1 661		INE	X6FI X6FI	[tia]	371)	/		日日	X6FJ	itia.	341	\		员 1	X6F	itia
	5131-9499 PLAT AL EXTRUDE		59 I.J	Cntrl: X6FL9657 C: Z00212048 Cntrl: X6FL9658 C: 201302069	Ini	5131-8871) PLAT AL EXTRUDE			LII	Cntrl: X6FL8812 C: Z00247012	Tu	5131-934) PLAT AL EXTRUDE			4 LII	Cntrl: X6FM3298 C: Z00649008	y In:
ligne	51.	/	н	88	ed /	51.		ا	WI 3	S	ed b	51.		/ ⊣ٰ	MI 6	S	ed b
Line /# de ligne		Otv Comm:	(0 -PK/WI 169 LINE 1)		*** Filled by Initials/Rempli par initiale: MT			Qty Comm:	(0 -PK/WI 35 LINE 1)		*** Filled by Initials/Rempli par initiale: MT	****		Qty Comm:	(0 -PK/WI 64 LINE 1)		*** Filled by Initials/Rempli par initiale:
Line	7	Otv (0)		*	y œ	7	Qty (0		* *	o.		Qty (0		*

Customer/Driver Instructions / Commentaires du client/chaufteur: HEURES D'OUVERTURE 7H @ 16H LUN @ VEND DECHARGEMENT AU CHARIOT ELEVATEUR AVANT COTE CHAUFFEUR CFC ET MTR REQUIS A LA LIVRAISON

Acceptance of goods constitutes acceptance of our Terms and Conditions, available on our website at www.Ryerson.com L'acceptation des marchandises constitue un consentement a nos termes et conditions, qui sont disponibles or from your sales representative, or by calling (800) 268-2680. Received by/ Recu Par:

sur notre site web www.ryerson.com, ou par votre representant interne, ou par telephone (800) 268-2680.

Processing of this material may present a physical and or health hazard. See material safety data sheets for further information Les alliages d'aluminum, de cuivre, d'acier Avertissement: le Traitement de ce matériel peut présenter un risque physique et ou Alloys of Aluminum, Copper, Steel Caution: pour la santé. Pour de plus ample information voir les fiches. Packing List/Bordereau de marchandises

RYERSON

Shipping Order / Bordereau d'expédition

: 1 LEWELL 1.00 UEA	10 (5480-6948/FEU AL TN QQA250/11 6061T6 .125 X 48 X 96 Tariff Code / Code tarifaire: 7606.12.00.31 Qty Comm:
	(EASO - COAS) PEUT AT THE COASE O/11 6061TFG 125
Oty Shipped/Qté expédiée B.O.Qty/En souffrance	Line /# de ligne Item Description
Phone/Tel (613)632-3336	HAWKESBURY ON K6A 1K7 HAWKESBURY ON K6A 1K7
	1270, ABERDEEN STREET
20192	Sold to/Facturer a: Ship to/Expedier a: DART AEROSPACE LTD. DART AEROSPACE LTD.
P.O. / Bon de commande	200 RUE DU CHEMINOT VAUDREUIL QC J7V 5V5 Phone/Tel (450) 424-0153
de 5 06/19/13 17:54 CST X6-310685 AP	MO # Page 4 200 RUE DU CHEMINOT VAUDREUIL-DORION QC J7V 5V5 SO
SO / Bondaron d'avaddition	

Wt:

1 pcs Loc EXP

T: 355883

*** Filled by Initials/Rempli par initiale: DA

C: 508189

Cntrl: X6FM0236

96

.120 X 48 X

#2B

FINI

7427-6403 TOLE 304

Tariff Code / Code tarifaire: 7219.32.00.11	\ <u></u>		
Qty Comm: _6 Order Qty/Qte commandee 6 UEA Pcs:	t	6.00 UEA	
(0 -PK/WI 968 LINE 10)	ş.i		
Chtrl: X6FM5029 C:/ $H2T5$ \ T: 02H2T5C	5 pcs Loc EXP	Wt: 5	10
Cntrl: X6FM5030 C: H2T5) T: 02H2T5C	1 pcs Loc EXP	Wt: 1	
*** Filled by Initials/Rempli par initiale: DA			
12 7426-7949 TOLE 304 FINI #2B .075 X 48 X 96			
Tariff Code / Code tarifaire: 7219.33.00.11	\		
Qty Comm: _4 Order Qty/Qte commandee 4 UEA Pcs:	4	4.00 UEA	
(0 -PK/WI 404 LINE 10)			
Chtrl: X6FL6927 C/F3N7 / T: 02F3N7C	2 pcs Loc EXP	Wt: 2	61
Cntrl: X6FM3780 C\H4J7	2 pcs Loc EXP	Wt: 2	C1
*** Filled by Initials/Rempli par initiale: DA		(

Customer/Driver Instructions / Commentaires du client/chauffeur: HEURES D'OUVERTURE 7H @ 16H LUN @ VEND DECHARGEMENT AU CHARIOT ELEVATEUR_AVANT COTE CHAUFFEUR CFC ET MTR REQUIS A LA LIVRAISON

Acceptance of goods constitutes acceptance of our Terms and Conditions, available on our website at www.Ryerson.com L'acceptation des marchandises constitue un consentement a nos termes et conditions, qui sont disponibles sur notre site web www.ryerson.com, ou par votre representant interne, ou par telephone (800) 268-2680 or from your sales representative, or by calling (800) 268-2680.

Received by/ Recu Par:

Processing of this material may present a physical and or health hazard. See material safety data sheets for further information Les alliages d'aluminum, de cuivre, d'acier Avertissement: le Traitement de ce matériel peut présenter un risque physique et ou Alloys of Aluminum, Copper, Steel Caution: pour la santé. Pour de plus ample information voir les fiches. Packing List/Bordereau de marchandises

RYNRSON

Shipping Order / Bordereau d'expédition

06/19/13 17:54 CST de 5 Page VAUDREUIL-DORION QC J7V 5V5 1270, ABERDEEN STREET Ship to/Expedier a: DART AEROSPACE LTD. VAUDREUIL QC J7V 5V5 (450) 424-0153 200 RUE DU CHEMINOT 200 RUE DU CHEMINOT 1270, ABERDEEN STREET Sold to/Facturer a: DART AEROSPACE LTD. Phone/Tel # QW

S.O. / Bordereau d'expédition X6-310685 20192 P.O. / Bon de commande

Phone/Tel (613)632-3336 ON K6A 1K7 HAWKESBURY Description ON K6A 1K7 Item Line /# de ligne HAWKESBURY

Oty Shipped/Qté expédiée B.O.Qty/En souffrance

LOI 1.00 / Code tarifaire: 7219.33.00.11 1.0000 LOT Order Qty/Qte commandee 7915-9998 ENERGY CHARGE Tariff Code ,

Tariff Code / Code tarifaire: 7606.12.00.31 1.000X12.0X144 EXT RECT 6061-T6511 BAR 5131-8780 Qty Comm:

Order Qty/Qte commandee

T: K000112134

-BUNDL 339)

15

13

**

16

Filled by Initials/Rempli par initiale: MT C: Z00014028 Cntrl: X6FM6750

Tariff Code / Code tarifaire: 7606.12.00.31 7480-4109 FEU AL TN 00A250/11 6061T6 .063 X 48 X 144 Order Qty/Qte commandee (1 -SKID 299) Qty Comm:

T: 481122 *** Filled by Initials/Rempli\par_initiale: DA 729154 \overline{c} Cntrl: X6FM6724

2 pcs Loc EXP Pcs:

2.00

Pcs:

7.00 UEA

7 pcs Loc EXP

-

Customer/Driver Instructions / Commentaires du client/chauffeur: HEURES D'OUVERTURE 7H @ 16H LUN @ VEND DECHARGEMENT AU CHARIOT ELEVATEUR_AVANT COTE CHAUFFEUR CFC ET MTR REQUIS A LA LIVRAISON

Packing List/Bordereau de marchandises Acceptance of goods constitutes acceptance of our Terms and Conditions, available on our website at www.Ryerson.com, Received by/ Recu Par:

L'acceptation des marchandises constitue un consentement a nos termes et conditions, qui sont disponibles sur notre site web www.ryerson.com, ou par votre representant interne, ou par telephone (800) 268-2680 or from your sales representative, or by calling (800) 268-2680.

Les alliages d'aluminum, de cuivre, d'acier Avertissement: pour la santé. Pour de plus ample information voir les fiches.

le Traitement de ce matériel peut présenter un risque physique et ou

Processing of this material may present a physical and or health

Alloys of Aluminum, Copper, Steel Caution:

hazard. See material safety data sheets for further information

Wechanic	Mecnanical Properties						lesi	est Date		Ultimate Tensile	<u>Instle</u>
Tests	Lot No.			-						Original (Ival)	
1 20.	201302134	•						02/06/13		43.9	
					•						
					•						
				•							
Chemica	Chemical Composition for Aluminum	ı for Alumi		Alloy 6061							
Cast Number	oer Alloy	ଊ୲	ь О	리	Mn	Mg	්	Zu	FI	Æ	Others Each Tol
122303-270	0 6061	1 0.62	0.18	0.18	0.01	0.84	0.05	0.00	0.01	98.11	0.05
								<u> </u>	~	l <.	
·								<u>-9</u>		TAN S	
						т	Calvin	Calvin J. Wiggins,	Λ.	ector of Qua	Director of Quality & Technics

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685

6/19/2013 6:00:13 PM PAGE 2/023 Fax Server

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE Sylviel 80

KALAMAZOO, M		ER PART NUMBER:	PRODUCT DESCRIPTION:	
730293-1	51314		.375 X 2.000 SC RECT BAR	TEMPER:
KAISER ORDER NUMBI	ER: LINE ITEM:	SHIP DATE:	To the state of th	T6511
636364 WEIGHT SHIPPED:	001 QUANTITY:	02/01/2013 B/L NUMBER:	Z00119020 6061) DIAMIDAF/THKNS: WIDTH:	LENGTH.
508.000 LB	48.000 PCS	605421		12,000 FT
SHIP TO:			SOLD TO:	
RYERSON 161 THE WEST	MALL N M9C4V8 CANADA		RYERSON 161 THE WEST MALL ETOBICOKE, ON M9C4V8 CA	anada

Actual Physical Properties

	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
REFERENCE		Serve and it		44.5	15.6	RE 96	N/A	N/A
Z00119020	0,001	1	47.3	45.3	15.5	RE 96	N/A	N/A
Z00119020	0001	2	48.0	44.2	17.2	RE 96	N/A	N/A
200119020	0001	. 3	47.0	43.5	14.9	RE 95	N/A	N/A
Z00119020	0001	. 4	. 46.3	44.0	17.0	RE 96	N/A	N/A
Z00119020		5	46.9	43.9	15.5	RE 97	N/A	N/A
Z00119020	0001	6	16.7	43.9	16.2	RE 94	A\N	N/A
200119020	0001	7	46.9	44.0	17.2	RE 97	N/A	$A \setminus N$
Z00119020		8	46.9		15.2	RE 93	N/A	N/A
200119020	0001	9	47.1	44.2	13.2			

Chemical Composition (wt%), Aluminum Remainder

C	0.4	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	z_r	Ea	Tot	
LIMITS	Si.							0 15	NA	NA	NA	0.05	0.15	
Maximum	0.80	0.70	0.40	0.15	1.20	• • • •	0.25				-	0.00	0.00	
Minimum				0.00		0.04	0.00	0.00	NA.	NА	ИA		0,00	
				.09	,94	.09	.02	.02	.00	.00	.00	.01	.03	
102313	. 69	.24	.24	. 09	• 24	.00								

Applicable Requirements:

ASTM-B221-12 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 (2007) UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

Plant Serial: 00075970 Kaiser Order Number: 636364

Ryerson





CERTIFIED TEST REPORT

http://Online.KalserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048

CERTIFICATION

hereby certifics that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination. Kaiser Aluminum Fabricated Froducts, LLC

Calvin Latting, Quality & Technology Manager

Plant Serial: 00075970 Kaiser Order Number: 636364 Line Item: 001

Page 2 of 2

9

201306611

Mechanical Propertion

Tests

Lot No.

- 310685 20192 s.o. DART AEROSPACE LTD.

Cast Number

Alloy

S

Fe

2

M

M

Ω

Ŋ

|=|

1

Each

Melt Source:

Others

Chemical Composition for Aluminum Alloy 6061

032135 032436

6061 6061

0.66 0.65

0.30 0.27

> 0.30 0.30

0.91 0.90

0.05 0.05

97.57 97.60

0.01

00 0.02

97.60

0.88

0.30

0.10

0.08 0.09

0.02

0.05 0.05

0.15 0,15 0.15

> United States of America United States of America United States of America

6061

C07H0705



SERVICE CENTER METALS 5850 Quality Way

CERTIFIED INSPECTION REPORT AND TEST RESULTS

FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER

TEM

2

173665

Prince George, VA 23875

BILL TO We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the Ryerson Canada, Inc. (Montreal) Ryerson Canada, Inc. (Toronto) Quantity Certified 508 lbs 24 pcs MANIFEST NUMBER CUSTOMER PART NUMBER 5131-7162 186997 SCRB. \$60x2.000 DIE NUMBER ILLANT TEMPER 6061-T6511 RB015 DATE OF SHIPMENT)avid Schroeder (Canada 4/10/2013 CERTIFICATION AMS-QQA-200/8 - 1997 ASTM-B221-12a StencilCont SPECIFICATION

also meet the requirements of 6061-T6 Items produced and certified as 6061-T6511

description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

		les
Sglo	6/20	
	4/9/13	lest Date
	min 46.70	Ultimate Strengt
	max 50.10	h (KSI)
	min 45.10	<u>Yield Strei</u> (KSI)
	max 48.80	ngth
1.0	max min max 48.80 11.55 13.98	Perce Elongai
	max 13.98	ation

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 4/10/2013

Rev. 9/23/11 - UMS

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KAI AMAZOO, MI 49048

CUSTOMER PO NUMBI	ER:	CUSTOMER I	PART NUMBER:	PRODUCT DESCRIPTION	:	!
724217-1	i	51317634	.)	.750 X 4.000 SC R	ECT BAR	
KAISER ORDER NUMB	ER: LINE ITEM:		SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:
628874	001		09/21/2012	Z00116038	6061 (T6511
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	CENCTH
1016.000 LB	24.000 F	PCS	604471			12.000 FT
SHIP TO:	24.0001			SOLD TO:		
RYERSON 3399 FRANCIS I LAVAL, PQ H7L	HUGHES 5A5 CANAI	DA		RYERSON 161 THE WEST N ETOBICOKE, ON	1ALL M9C4V8 CANADA	

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNE	SS CONDUCT.	BEND
REFERENCE	DADIA			1,0 0	14.0	RE 9	3 N/A	A\N
200116038	0001	1	54.8	50.8				N/A
200116038	0002	1	49.5	46.2	18.0	RE 9	-	· · · · ·
	•	<u></u>	53.4	50.2	16.2	RE 9	3 N/A	N/A
Z00116038	0002	4			17.7	RE 9	2 N/A	N/A
200116038	0002	3	44.6	42.0	⊥ / • /	1X.2.2	2 41/11	/

Chemical Composition (wt%), Aluminum Remainder

TITMITS	Si	Fe	Cu	Mn	Mq	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot	
Maximum Minimum	0.80	0.70	0.40	0.15	1.20	0.35 0.04	0.00	0.00	NA NA	NA NA .00			0.15 0.00 .03	
101988	. 69	.23	.23	.09	.93	09	. 02	. 02						

Applicable Requirements:

ASTM-B221-12 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 (2007) UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

5,366/20

MANUFACTURED IN USA MELITED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Latting, Quality & Technology Manager

Plant Serial: 00060667 Kaiser Order Number: 628874

6/19/2013 6:00:13 PM PAGE 6/023 Tax Berver

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048

CUSTOMER PO NUMB	ER: CUSTON	AER PART NUMBER:	PRODUCT DESCRIPTIO	N:	
728280-4	51318	251)	KAISERSELECT	SC MANIFOLD E	BAR 1.00 X 2.00
KAISER ORDER NUME	BER: LINE ITEM	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:
633890	004	01/03/2013	Z00222066	6061	76511B
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:
514.000 LB	18.000 PCS	605204			12.000 FT
SHIP TO:			SOLD TO:		
RYERSON CAN 200 RUE DU CH VAUDREUIL-DC		CANADA	RYERSON 161 THE WEST N ETOBICOKE, ON		DA

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	ness	CONDUCT.	BEND
Z00222066	0001	1	52.1	49.0	1.7.0	RE	94	N/A	N/A
Z00222066	0001	2	52.7	$48.\dot{4}$	15.8	RE	94	N/A	N/A
Z00222066	0002	1	51.2	47.5	19.1	RE	91	N/A	N/A
Z00222066	. 0002	2	50.9	47.2	18.8	RF	93	N/A	N/A
200222066	0002	3	54.0	50.8	13.9	RE	94	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot	
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15	
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00	
102255	.75	.30	.30	.09	.93	.09	.04	.03	.00	.00	.00	.01	.03	

Applicable Requirements:

81366120

MANIFOLD BAR, SPECIAL STENCIL PER ASTM-B221-12, STENCILED PER AMS-QQ-A-200/8 (2007) ASME-SB221 1998 SECT. II MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

Plant Serial: 00072041 Kaiser Order Number: 633890

Maiser Order Number. 055050

6/19/2013 6:00:13 PM PAGE 7/023 Fax 5







CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Latting, Quality & Technology Manager

Plant Serial: 00072041 Kaiser Order Number: 633890

Ö

201305462

5.366120

3/21/13

Mechanical Properties

est Date

Tests

Lot No.

310685 DART AEROSPACE LTD. 20192 s.o.



SERVICE CENTER METALS Prince George, VA 23875 5850 Quality Way

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER

171180

BILL TO Ryerson Canada, Inc. (Toronto) Ryerson Canada, Inc. (Montreal) **Quantity Certified** 514 lbs 18pcs MANIFEST NUMBER CUSTOMER PART NUMBER **CUSTOMER PO** 75131-8251 186436 MQRB 1.000 (+.012) x 2.000 (+.024) 6061-T6511 DIE NUMBER MRB0477 DATE OF SHIPMENT)avid Schroeder (Canada 4/5/2013

revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification

description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA also meet the requirements of 6061-16

47.00 Ultimate Tensile 3 Strength (KSI) 50.50 max min 46.70 Yield Strength (KSI) max 49.60 E E 14.40 Elongation Percent

max 18.60

Print Date: 4/5/2013	·		A.	a lu	(2)		1						
United States of America	0.15	0.05	97.64	0.01	0.01	0.09	0.88	0.10	0.31	0.28	0.68	6061	C07H0703
United States of America	0.15	0.05	97.55	0.02	0.01	0.10	0.92	0.10	0.32	0.28	0.70	6061	C07H0702
Melt Source:	ers <u>Total</u>	Others <u>Each</u> I	P		Zn	lζ	Mg	M	<u>Cr</u>	ē	िल	Alloy	Cast Number
									oy 606	ium All	r Alumin	nposition for	Chemical Composition for Aluminum Alloy 6061

Calvin J. Wiggins, Director of Quality & Technical Services

Rev. 9/23/11 - UMS

6/19/2013 6:00:13 PM PAGE 9/023 Fax Server

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685



ARBAN

CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE

KALAMAZOO, MI 49048

CUSTOMER PO NUMB	ER: CUSTON	AER PART NUMBER:	PRODUCT DESCRIPTION:	
734354-3	5190	909	1.500 SC SQ BAR	
KAISER ORDER NUMB	ER: LINE ITEM	SHIP DATE:	KAISER LOT NUMBER: ALLQY:	TEMPER:
641037	003	04/12/2013	Z00242037 (6061)	(T65 4 1
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS: WIDTH:	LENGTH:
508.000 LB	16.000 PCS	605972		12.000 FT
SHIP TO:			SOLD TO:	
RYERSON CAN 200 RUE DU CH VAUDREUIL-DC		CANADA	RYERSON 161 THE WEST MALL ETOBICOKE, ON M9C4V	8 CANADA 5/3/6/20

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	NESS	CONDUCT.	BEND
700242037	0001	1	52.7	50.6	17.3	RE	94	N/A	N/A
7.00242037	0001	2	52.4	50.1	17.0	RE	94	N/A	N/A
700242037	0001	3	53.0	50.9	16.2	RE	95	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum Minimum	0.80	0.70	0.40 0.15	0.15	1.20	0.35 0.04	0.25 0.00	0.15 0.00	NA NA	NA NA	NA NA	0.05	0.15
102550	.67	.25	.24	.09	.92	.09	04	.03	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-12a STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97 (R07) UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELITED IN USA MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00085371 Kaiser Order Number: 641037

yerson 6/19/2013 6:00:13 PM PAGE 10/023 Fa.





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Latting, Quality & Technology Manager

Plant Serial: 00085371

Kaiser Order Number: 641037

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO. MI 49048

CUSTOMER PO NUMBE	R:	CUSTOMER	RART NUMBER:	PRODUCT DESCRIPTION	4:	
727773-1		5131949	9	KAISERSELECT S	SC MANIFOLD BAR	1.50 X 4.00
KAISER ORDER NUMBE	R: LINE ITEM:	 	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:
633045	001		12/04/2012	Z00212048	6061	T6511B
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:
513.000 LB	6.000 PC	s	605039			12.000 FT
SHIP TO:	·			SOLD TO:		
RYERSON 161 THE WEST N ETOBICOKE, ON		ANADA		RYERSON 161 THE WEST N ETOBICOKE, ON	IALL M9C4V8 CANADA	1316/20

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	ONESS	CONDUCT.	BEND
Z00212048	0001	1	45.9	43.7	13.1	RE	95	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Tí	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	· NV	NN	NA	0.05	0.15
Minimum									NA	NA	NA	0.00	0.00
102146	.74			.09		.09	.03	.03	.00	.00	.00	.01	.03

Applicable Requirements:

MANIFOLD BAR, SPECIAL STENCIL PER ASTM-B221-12, STENCILED PER AMS-QQ-A-200/8 (2007) ASME-SB221 1998 SECT. II MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Latting, Quality & Technology Manager

Plant Serial: 00069071

Kaiser Order Number: 633045 Line Item: 001

Page 1 of 1

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685

)								
1012107	Cast Number	Chemi					Tests	Wecha
: -	<u>mber</u>	cal Com				201302069	Lot No.	Wechanical Properties
6061	Alloy	Chemical Composition for Aluminum Alloy 6061				Ö).	perties
0.72	<u> ⊼</u>	r Alumin						1
0.35	π Φ	um All						
0.33	Cu	оу 606						
0.09	Mn							
0.84	Mg	,						
0.09	<u>Ω</u>		·	-				es
0.05 0.03	<u>Zn</u>		,		 •	02/05/13		est Date
0.03						w		
97.50	<u> </u>					48.1	Strength (KSI)	Ultimate Tensile
0.05	Ot Each						(KSI)	ensile
	Others <u>h Tot</u>							4

Calvin J. Wiggins, Director of Quality & Technica

CACT DOIL

671972013 6.00.13 PM PAGE 137023 FAX BEIVER

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685





CERTIFIED TEST REPORT

http://Online.KalserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO. MI 49048

CUSTOMER PO NUMB	ĒR: CUSTO	MER-RART NUMBER:	PRODUCT DESCRIPTION	N:				
710749-15	5131	8871	1.250 X 2.000 SC	RECT BAR				
KAISER ORDER NUMB	ER: LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:			
609382	015	01/06/2012	Z00247012	6061	T6511			
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:			
2964.000 LB	84.000 PCS	602278			12.000 FT			
SHIP TO:			SOLD TO:					
RYERSON 161 THE WEST ETOBICOKE, ON	MALL N M9C4V8 CANAD	A	RYERSON 161 THE WEST MALL ETOBICOKE, ON M9C4V8 CANADA					
			E TOBICORE, OIN WISCANS CANADA					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	NESS	CONDUCT.	BEND
Z00247012	0001	1	52.2	49.3	19.4	RE	95	N/A	N/A
Z00247012	0001	2	51.8	48.8	19.1	RE	94	N/A	N/N
200247012	. 0001	3	55.9	53.5	16.9	RE	95	N/A	N/A
200247012	0001	4	55.4	53.0	17.0	RE	94	N/A	N/A
Z00247012	0002	1	51.8	48.6	20.1	RE	95	N/A	N/A
7,00247012	0002	2	55.1	52.4	15.8	RE	94	N/A	N/N

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NА	NA	NА	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NΑ	0.00	0.00
101083	.72	.38	. 27	.07	. 94	.10	.06	.03	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-08-STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 UNS#96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

Plant Serial: 00023096

Kaiser Order Number: 609382

DART AEROSPACE LTD. P.O. - 20192 S.O. - 310685





CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048

CUSTOMER PO NUMBI	ER:	CUSTOMER	PART NUMBER:	PRODUCT DESCRIPTION	N;	
736418-1		15131934		1.500 X 3.000 SC	RECT BAR	
KAISER ORDER NUMB	ER: LINE ITEM:	<u> </u>	SHIP DATE:	HAISER LOT NUMBER:	ALLOY:	TEMPER:
643747	001		05/21/2013	Z00649008	6061	T6511
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:
508.000 LB	8.000 PC	os.	606275			12.000 FT
SHIP TO:				SOLD TO:		
RYERSON CANA 200 RUE DU CH VAUDREUIL-DC	EMINOT	7V 5V5 CA	ANADA	RYERSON 161 THE WEST M ETOBICOKE, ON	MALL M9C4V8 CANADA	
						53/6/20

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	ONESS	CONDUCT.	BEND
Z00649008	0001	1	49.4	46.7	11.2	RE	94	N/A	N/A
200649008	0001	2	53.8	50.8	16.6	RE	94	N/A	N/A
200649008	0001	3	50.8	47.8	14.1	RE	94	A\N	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot	
Maximum Minimum 102487	0.80 0.40 .74	0.70 0.00 .24		0.15 0.00 .09	1.20 0.80 .93	0.35 0.04 .09	0.25 0.00 .05	0.15 0.00 .02	AN AN .00	NA NA .CO	АИ АИ 00.	0.05 0.00 .01	0.15 0.00 .03	

Applicable Requirements:

ASTM-B221-12a STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97(R07) UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, ILC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Timothy K. Fargo, Quality & Technology Manager

Town Self

Plant Serial: 00090999 Kaiser Order Number: 643747

Tmpr Tis

Dir Long Transv

u tw Xew

42.0 ISX SID

10

COR:

D152051.44

-Specification

Limits

TYS KSI

PCI PCI

310685

355883 377851

5527 5959

11486

Mr.III

Package Ticket

t O

S.O.

Notes for CQR: D152054.44
PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-25C_11 ORIGINAL REVISIO N DATED 1997-08-01.

DART AEROSPACE LTD

CERTIFIED INSPECTION REPORT This test report shall not be reproduced except in full, wilfout the written approval of the Quality Department. No attendion, addition on other change is authorized to be made to fals certificate. The recording of false, licitious, or otherwise fraudulent statements or enrites on this certificate by any recipient may be purished as a felony under applicable law. Fer. We havely certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representance of the material met the composition finitis and had the mechanical properties shown on the face of this abset. Rob Woodall Director of Manufacturing Davenport Works Cook Woods

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

RIVERDALE, IA.

1506167 Ship Date

B.L. No. 7880377

2013-04-06

P.O. No./Govt Contract No.

Customer 00000 Invoice No.

> 1000470365-1 Alcoa No. Itcm Ship From:

DPE-70365-1

731389 Ln#: 1

RYERSON CANADA G041015480R14

Tenence Thom Juality Assurance Manage

Page 1 р f

ship To:

RYERSON CANADA 7525 FINANCIAL DRIVE BRAMPION LGY SP4 ON

Weight MAX GROSS SKID WGT: 8000 LB CUAN TCL +/-30 % CQR D152054 REV 44 CUST REQ 00-04-209 REV 11 ASTMB209 REV 10 MARKED)) LIGHTHY OILED COIL COIL WGIS: AMS4027 REV N ANSIH35.2 REV 2009 ASME-SH-SHEET FOR DISTRIBUTIONS 0.125 IN TK (+0.0000 -.0060) X .046875) CAT X (54806831 (N) A/7 Item Description *** W/E 13-04-20 *** Quantity MAX 7500 LB MOD 24 24 TOLERANCE COIL SIZES: ID 20 IN (N) A/T(R061-T6 (NOT Inspector Clock Numbers 27767 47381 27769 47355 1.0 1 W (+.046875 GUARANTEED. CCIL

5,3106/20

We hereby certify that the material covered by this certificate has been inspected with and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the compusition limits and had the mochanical properties shown or the time of this sheet. Alcoa Inc.

CERTIFIED INSPECTION REPORT

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From:

365-1 item RIVERDALE, IA. DPE-70365-1

Date B.L. No. Invoice No. Alcoa No04-06 7880377 00000 100047636 No./Goyt Contract No. Customer Alcoa Item
--

1506167 Ship Date 2013-04-P.O. 731889 In#: 1 RYERSON CANADA G041015460R14

This test report shall not be reproduced except in full, without the written approval of the Qual ly Cepartment. No afterefish, addition or other change is authorized to be made to this certificate. The recording of faise, fictitious, or otherwise fraudulent stements or entries on this certificate by any recipient may be punished as a falony under applicable law.

Page 2 of 2

Rob Woodall Director of Manufacturing Davenment Works Rold Wooder

11110] 	Cast Number H9723064	Tmpr T'6	Cast Number H9122105 Lot: 377851	Impr Te	Alloy 6061 Lot: 355883	Chemic	CQR: D
ğ	1 TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Number	Dir	fumber 05 77851	Dir Long	6061 55883	al Comp	152054.
1	1 was melte	Chemical - OES Actuals	ransv.	Chemical - OES SI Actuals 0.70 - Mechanical, Physi	Dir Long Transv.	- Mecha	Chemical Composition	44 -Specif
	d in t	- OES	Test	nical,	Test 2	Min nical, No->	Max	ication
	he Uni:	SI 0.64	:# _.	SI 0.70 Physic	רז	0.40 Physic	8.0 H.S.	ı Limit
	ed States	SI FE CU 0.64 0.4 0.28	KSI 49.8 50.1	FE CU 0.5 0.23 al Metallo	KS: 49.9 50.1	0.15 al, Metallo UTS	FE CU MN	COR: D152054.44 -Specification Limits (cont.)
	or a Qu	MN 0,06	KSI 42.5	MN 0.06 ography	XSI 43.3 43.3	0.8 graphy,	1 MC	1 1 1
	ualifying Country	MN MG CR ZN 0.06 1.0 0.15 0.55	PCT 14.4 14.5	hemical - OES SI FE CU MN MG CR ZN TI ctuals 0.70 0.5 0.23 0.06 0.9 0.15 0.04 0.02 O.04 0.02 O.05 0.9 0.15 0.04 0.02 O.05 O.05 O.05 O.05 O.05 O.05 O.05 O.05	11 13 13 4 3 13 6 1	Min 0.40 0.15 0.8 0.04 - Mechanical, Physical, Metallography, Quantoneter Results No-> UTS TYS EL4D	SI FE CU MN MC CR ZN TI Each 0.8 0.7 0.40 0.15 1.2 0.35 0.25 0.15 0.05	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	[REF D	D. 95 9.02		TI 0.02 sults -		sults -	tach T	Other Other
	This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United Etaces			02		!	Total Aluminum 0.15	Other
	ü	1						



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS 6870 HIGHWAY 42 EAST **CHENT, KY 41045**

Customer: 007035 510 Certificate: 840712 Your Order: 6870 HIGHWAY 42 EAST 732632 W C/O X6 - RYERSON VAUDREUIL VAUDREUIL, QC J7V5V5 200 CHEMINOT STREET RYERSON CANADA, INC. Mail To: NAS order: PN 0026706 01 Ship VAUDREUIL, QC J7V5V5 C/O X6 - RYERSON VAUDREUIL RYERSON CANADA, INC 200 CHEMINOT STREET To: Corrosion: ASTM A262/10 A;180Bend-OK Finish ~2B Steel) Date: 004 6/03/2013 Page: ۳,

ASTM A240/12a, A480/12, A666/10; ASME SA240/11a, SA480/11a, SA666/11a

STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400

DESCRIPTION:

PRODUCT

CHEM ONLY ON FOLLOWING ASTM: A276/10, A479/11, A484/11, A312/12a

NACE MR0175/ISO 15156-3:2003 A, MR0103/07;QQS766D-A AMS 55130 XMRK; MIL-S-5059D AMEND3 (X CROWN MEAS) CHEM ONLY ON FOLLOWING ASME: SA312/11a, SA479/11a

X MAG PERM

REMARKS

Mat'l is Free of Mercury Contamination.

NAS Steel Making Process: EAF, AOD, & Cont. Casting *Melted & Manufactured in the USA; Mat'l is DFARs Compliant Product Mfg.by a Quality Mgt.Sys. in Conf. w/ISO 9001 Material is Free of Radioactive Contamination *Melted & Manufactured in the USA; Mat'l is DTARs Compliant EN 10204:2004 3.1; RoHS 1 & 2 Compliant No weld repairs

MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

ANALYS Н מ CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

CHEMICA

H

02H2T5 Product

a

02H2T5

വ

H

Coil

Skid # Thickness

Weight 20,810

-----Length----

Mark

Pieces Commodity Code

1163

48.0000 Width

COIL

a 74275690

HEA H2T5 g B Q SI % .0485 . 2970 % 18.0845 cz % % G . 4700 **M** % 1.6915 % 8 .3400 Z .0527 % 8.0050 計 % М .0320 % Chemical Analysis per ASTM A751/08 Ŋ OLOO 3/9

e Fi Q H ANI റ Þ ۲ М × 0 ц H Ħ H Н H ζĵ

	22	꾸
	02н2т5 с	oduci
	C	Product Id# Coil #
	. 02	ខ្ព
	02H2T5 C	# 1:
	a	
	দ্য	9 0 F
	н	4 1- 0
	93.76	UTS
	45.	. 2% KSJ
	11	.2% YS KSI
	52.18	ELONG %-2*
	FT 93.76 45.11 52.18 86.00 87.00	Hard RB
	87	Tail Hard
	.00	ë H
V C		
•		

of the test methods used, the material meets the specifications stated. These results relate only to the items NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

> Dept. Mgr. Technical

ERIC HESS

Sales of the sales

6/03/2013

370685 .o.a

20192 .0.4 DART AEROSPACE LTD.

DART AEROSPACE LTD.

Product 02F3M7

Coil 02F3N7

Skid # Thickness

Width

Weight 16,280

a 걾

a

0725

48.0000

Colf

P.O. 20192 s.o. 310685

> AMS 55130 XMRK; MIL-S-5059D AMEND3 (X CROWN MEAS) STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400 NACE MR0175/ISO 15156-3:2003 A, MR0103/07;QQS766D-A X MAG PERM CHEM ONLY ON FOLLOWING ASTM: A276/10, A479/11, A484/11, A312/11 ASTM A240/11b, A480/11b, A666/10; ASME SA240/11a, SA480/11a, SA666/11a PRODUCT MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED CHEM ONLY ON FOLLOWING ASME: SA312/11,SA479/11 6870 HIGHWAY 42 EAST

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS 6870 HIGHWAY 42 EAST GHENT, KY 41045

Customer: 007035 510 Certificate: 825590 2 C/O X6 - RYERSON VAUDREUIL RYERSON CANADA, INC. VAUDREUIL, QC 37V5V5 200 CHEMINOT STREET Mail To:

> C/O X6 - RYERSON VAUDREUIL 200 CHEMINOT STREET RYERSON CAMADA, VAUDREUIL, QC J7V5V5 Ship To:

Einish: 2B Steel: 304

Date:

₹09/2013

Page:

}

Corrosion: ASTM A262/02aE;180Bend-OK

DESCRIPTION: 727892

MAS Order: PN 0024225 01

REMARKS:

Mat'l is Free of Mercury Contamination. EN 10204:2004 3.1; ROHS 1 & 2 Compliant 뒁 weld repairs

Material is Free of Radioactive Contamination

Product Mfg.by a Quality Mgt.Sys. in Conf. w/ISO 9001 NAS Steel Making Process: EAF, AOD, & Cont. Casting *Melted & Manufactured in the USA; Mat'l is DFARs Compliant

Melted & Manufactured in the USA; Mat'l is DFARs Compliant

---Length--Mark O Pieces Commodity Code

74266941

CHEMICAL ANAL ĸ ß Н វ្ស CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/08

		(F3kt)	HEAT
		នព	CM
.4400	SI %	-0578	CM C%
		.0578 18.1790	CR %
-		.4115	% 53
		1.6125	MN %
		.3825	MO %
		.0547	% N
		8.0015	NI %
		.0350	₩ %
		.0010	w %

区区 CHANICAL ч 됐 O Ч 抖 RT HE מ

Product Id# Coil # 0 1 UTS .2% YS ELONG Hard Tail c r KSI %-2" RB Hard 02F3N7 C 02F3N7 C F T 97.77 47.62 48.96 86.50 88.50	OSPACE	TITD.	F.O
O	· .	02F3N7 C	Product Id#
1 d .2% YS ELONG Hard Tail c r KSI		02F3N7 C	Coil #
UTS .2% YS ELONG Hard Tail RSI %-2" RB Hard 97.77 47.62 48.96 86.50 88.50		म्ब स्त्र	с р ф ф
.2% YS ELONG Hard Tail KSI %-2" RB Hard 47.62 48.96 86.50 88.50		97.77	UIS
ELONG Hard Tail %-2" RB Hard 48.96 86.50 88.50		47.62	.2% YS KSI
#ard Tail RB		48.96	ELONG %-2"
Tail Hard 88.50		86.50	Hard RB
		88.50	Tall Hard
l			

of the test methods used, the material meets the specifications stated. These results relate only to the items NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

> Dept. Mgr. Technical

ERIC HESS

4/09/2013



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS 6870 HIGHWAY 42 EAST **GHENT, KY 41045**

Customer: Certificate: 835228 HWAY 42 EAST 007035 016 ω

VAUDREUIL, QC J7V5V5 200 CHEMINOT STREET RYERSON CANADA INC. Mail To:

RYERSON CANADA INC. 200 CHEMINOT STREET VAUDREUIL, QC J7V5V5 Ship To:

Steel:

Date

5/13/2013

Page:

Corrosion: ASTM A262/10 A,180Bend-OK

NAS Order: DS

0003226 04

PRODUCT DESCRIPTION:

CHEM ONLY ON FOLLOWING ASEL: DADIC, LIC, CROWN MEAS)

AMS 5513J XMRK; MIL-S-5059D AMEND3 (X CROWN MEAS)

NACE MR0175/ISO 15156-3:2003 A, MR0103/07;QQS766D-A X MAG PERM

AND TORROWS TORROWS ODENCHED CHEM-ONLY ON FOLLOWING ASTM: A276/10, A479/11, A484/11, A312/12a ASTM A240/12a, A480/12, A666/10; ASME SA240/11a, SA480/11a, SA666/11a STAINLESS STEEL COIL, C.R. ANNEALED & PICKLED; UNS 30400

REMARKS

EN 10204:2004 3.1; RoHS 1 & 2 Compliant NAS Steel Making Process: EAF, AOD, & Cont. Casting Material is Free of Radioactive Contamination Mat'l is Free of Mercury Contamination. No Product Mfg.by a Quality Mgt.Sys. in Conf. w/ISO 9001 weld repairs

*Melted & Manufactured in the USA; Mat'l is DFARs Compliant

04H4J7 Product 벊 Coil 04H4J7 ద Skid # Thickness 0725 48.0000 Width Weight 20,890 COIL ----Length----Mark μ, Pieces Commodity Code 74266941

CHEMIC HAL ANAL K) HS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTN A751/08

		(H4J7)	
		ຮູດ	CM
.2705	SI %	.0518	CM C %
		.0518 18.0495	CR %
			CU %
		.4210 1.7310	MN %
		.3395	% %
			% N
		.0548 8.0765	NI %
		.0330	P %
-		.0030	%

宫 [7] a Ħ ANICAL ы Ħ 0 ษ H Ħ Η Н H

04H4J7 B 04H4J7 B F T 98.07 48.18 49.09 87.50 83.50	Product Id# Coil # 0 1 UTS .2% YS ELONG a r KSI KSI %-2"
.09 87.50 83.50	NG Hard Tail 2" RB Hard

of the test methods used, the material meets the specifications stated. These results relate only to the items NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

> Dept. Mgr. Technical

ERIC HESS

Kara

5/13/2013

9890TE -.0.2

Z0192 .0.4 DART AEROSPACE LTD



DART AEROSPACE LTD. P.O. - 20192





S.O. - 310685

CERTIFIED TEST REPORT

http://Online.KaisorAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO, MI 49048

CUSTOMER PO NUMBER:	CUSTOMER	PART NUMBER:	PRODUCT DESCRIPTION	PRODUCT DESCRIPTION:				
721424-8	5(31878	0	1.000 X 12.000 PF	RECISION WIDI	DE BAR			
KAISER ORDER NUMBER	LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER;			
624233	008	07/20/2012	Z00014028	6061	T6511B			
WEIGHT SHIPPED:	QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH;			
1016.000 LB	6.000 PCS	603951			12.000 FT			
SHIP TO:			SOLD TO:					
RYERSON 3399 FRANCIS HU LAVAL, PQ H7L 5A	GHES 5 CANADA	2/2/2	RYERSON 161 THE WEST M ETOBICOKE, ON		ADA			

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	ONESS	CONDUCT.	BEND
Z00014028	0001	1	52.6	48.4	16.8	RE	93	N/A	A\N

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NΑ	AK	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
101532	.73	.32	.26	.08	. 90	.09	.05	.03	.00	.00	.00	.01	.04

Applicable Requirements:

PER ASTM-B221-12, STENCTLED ASME-SB221 1998 SECT II PER AMS-Q0-A-200/8 (2007) UNS# A96061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Latting, Quality & Technology Manager

Plant Serial: 00052170

Kaiser Order Number: 624233 Line Item: 008 5

Page 1 of 1

20192

P.O.

Alloy 6061

DART AEROSPACE LTD.

- 310685

Alcoa inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

We heavely certly that the motoral covered by this contriction has been inspected with, and has been found to meet the oppicable requirements described therein, including any specifications through and the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

CERTIFIED INSPECTION REPORT

This lest report stadt not be reproduced except on bit, without the written approved of the Quality Department addition or other change is authorized to be made to this certificate. The receiving of false, fictious, or oth Subtements of entries on this certificate by any recipient may be punished as a letany under applicable law. Per opproved of the Quality Department. No alteration, receiving of false, lications, or otherwise traudulent

And Long

Reb Weedall Dream of Nativitaduring Davenport Works

Terrance Thora

一大

P.O. No./Govt Contract No.

Customer 00000

4500525914 Ln#: 0000

2013-01-05 1472313 Ship Date

7646200

B.L. No.

Page 1 of 2

Ship To: RYERSON PROCUREMENT CORP PORT AMBRIDGE INDS PARK 43 CENTURY DRIVE AMBRIDGE 15003 PA 36620 Item Description

-D_063-EN TX (+0.0000 -.0035) X 48.0 IN W (-.046875 .046875) CAT X 160002230 (N) A/T 6061-T6 COIL
SHEET FOR DISTRIBUTORS TOLERANCE GUARANTEED
160002230. AMS4027 REV N ANSH35.2 REV 2009 ASME-SB209 REV 11 ASTWB209 REV 10 ((NOT
MARKED)) LIGHTLY OILED COIL SIZES: ID 20 IN
COIL WGTS: MAX 7500 LB
MAX GROSS SKID WGT: 8009 LB QUAN TOL +/-30

* CQR D218874 REV D5 CUST REQ 13-0101 *** W/E 13-01-05 ***

PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-20-A-250_11 ORIGINAL REVISION DATED Notes for CQR: C218674.6 0218874.6 -Specification Limits Package Ticket 729154 7441 Weight Quantity S S S 2 47230 Inspector Clock Numbers

Tapz Chemical Composition Dir Long Transv. Max Max TIM 42.0 KSI 0.8 0.40 FE CU MN 1 0.7 0.40 0.15 : 0 0.15 35.0 KS1 型45 2145 70 -.2 0.35 0.25 0.15 0.05 0.8 0.04

Other Other

REMAJIN

Total Aluminum

Alcoa No. Item 1000441369-1 Alcoa Item

Ship From: RIVERDALE, IA

DP-41369-1

RYERSON - AMBRIDGE G041105626R06

This lest report shall not be reproduced except in full, without the written a victimen or other change is, authorized to be made to this certificate, They statements or entries on this certificate by any respect may be pureshed by

us, writed the written expressed of the Questry Department, No alteration, to this certificate. The recording of falce, fictions, or otherwise frautitient seen may be pureshed as a telony under applicable law.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722 Ship From: RIVERDALE, IA.

1471313 Ship Date 2013-01-05 P.O. No./Govt Contract No. 7646200 Customer 00000 Akeas No. 'aem 1000441369-1 Alcoa Item D2-41369-I .

4500525914 LD#: 0000

RYERSON - AMERIDGE G041105626R06

Reb Woodall Irector of Manufacturing Davenport Works Constant 一样

Terrance Thom Quality Assurance Manage

Page 2 of 2

râu Tiga Cast Number Dir Long Transv. Chemical - OES Accuals No-> SI FE CJ 0.64 0.5 0.25 48.8 48.8 0.04 41.1 41.1 MG CR ZN TI 1.0 0.16 0.01 0.05

This material was melted in the United States or a Qualifying Country [REF DPARS 225.872.1(a)]; it was manufactured in the United States



Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO20192

Purchase Order Date 6/14/2013
PO Print Date 6/14/2013

Page Number 1 of 5

Order From:

RYERSON

200 DU CHEMINOT

VAUDREUIL, QUEBEC J7V 5V5

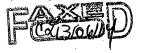
VC-RYS001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA



Contact Name

Ship To Contact

Ship To Phone

Vendor Phone

450-424-0153

Yours ppd

Buyer

Chantal Lavoie

00-424-0153

Customer POID
Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship Via: Ship Acct:

S	hip Acet:					m/260	75
Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ CD Taxable Promise Date	Req Qty/ Unit of Measure	List Price Disc %	Discounted Unit Price	Extended Price
1 1	M6061T6B0.375X01.250	6061-T6 Bar .375 x 1.25	6/19/2013	12.00	/[//		\$12.90
			Yes	f	•		
] 2	MATERIAL: 6061-T6/T651/T6 BAR AS PER QQ-A-225/8 OR 4117/4128/4115/4116 OR QQ- OR AMS 4160 OR ASTM B21	AMS-QQ-A-225/8 OR AMS A-200/8 OR AMS-QQ-200/8	6/19/2013		1 / 10	5	
					13/4/Lin	ne Total:	\$12.90
2	M6061T6B0.375X02.000	6061-T6 Bar .375 x 2.00	6/19/2013 Yes	12.00 f			\$20.64
	AS ABOVE		6/19/2013	Ü			
					Liı	ne Total:	\$20.64
3	M6061T6B0.750X01.500	6061-T6 Bar .750 X 1.50	6/19/2013	12.00			\$29.37
	4.1		Yes	_, f			
	AS ABOVE		6/19/2013		•		



Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO20192

Purchase Order Date 6/14/2013 **PO Print Date** 6/14/2013

Page Number 2 of 5

Order From:

RYERSON

200 DU CHEMINOT

VAUDREUIL, QUEBEC J7V 5V5

VC-RYS001

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name Buyer Chantal Lavoie **Vendor Phone** 450-424-0153 **Customer POID** Customer Tax # 10127-2607 Net 30 Ship To Contact Terms Currency CAD Ship To Phone FOB Ship Via: Yours ppd Destination-Collect Ship Acct: Line Total: \$29.37 M6061T6B0.750X02.000 6061-T6 Bar .750 x 2.00 6/19/2013 \$39.16 Yes AS ABOVE 6/19/2013 Line Total: \$39.16 M6061T6B0.750X04.000 6061-T6 Bar .750 x 4.00 6/19/2013 \$156.64

Line Total:

\$156.64

\$417.68

M6061T6B1.000X02.000

6061-T6 Bar 1.00 x 2.00

6/19/2013 Yes

Yes

6/19/2013

AS ABOVE

AS ABOVE

6/19/2013

Line Total:

\$417.68



Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO20192

Purchase Order Date 6/14/2013 PO Print Date 6/14/2013

Page Number 3 of 5

Order From:

VC-RYS001

Ship To: DART AEROSPACE LTD

RYERSON

200 DU CHEMINOT

VAUDREUIL, QUEBEC J7V 5V5

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

	Contact Name				Buyer	Chantal Lav	oie	
	Vendor Phone	450-424	4-0153		Customer POID			
					Customer Tax #	10127-2607		
1	Ship To Contact		,		Terms	Net 30		
1	Ship To Phone				Currency	CAD		
	Ship Via:	Yours p	pd		FOB	Destination-	-Collect	
	Ship Acet:							
,	M6061T6B1.000X12.0	000	6061-T6 Bar 1.00 x 12.00	6/19/2013 Yes	24.00 f			\$626.58
	AS ABOVE			6/19/2013	•	(d)		
			•					
							Line Total:	\$626.58
						_	Line Total:	3040.30
						Va		
}	M6061T6B1.500X01.5	500	6061-T6 Bar 1.50 x 1.50	6/19/2013 Yes	36.00 f	You		\$176.22
	AS ABOVE			6/19/2013		`		
	* 1					,	·	
							Line Total:	\$176.22
						,		

M6061T6B2.000X01.250 AS ABOVE

M6061T6B1.500X04.000

AS ABOVE

6061-T6 Bar 2.00 x 1.25

6061T6 Bar 1.500 x 4.00

6/19/2013

6/19/2013

Yes 6/19/2013

Yes

Line Total:

\$313.27

\$313.27

6/19/2013

\$65.27



Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO20192

Purchase Order Date 6/14/2013 PO Print Date 6/14/2013

Page Number 4 of 5

Order From:

RYERSON

200 DU CHEMINOT

VC-RYS001

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

450-424-0153

Buyer

Chantal Lavoie

VAUDREUIL, QUEBEC J7V 5V5

Customer POID

Ship To Contact

Ship To Phone

Yours ppd

Customer Tax # Terms

10127-2607 Net 30

Currency

CAD

FOB

Destination-Collect

Ship Acet:

Ship Via:

Line Total:

\$65.27

M6061T6B30000X01.500

6061-T6 Bar 3.00 x 1.50

6/19/2013

Yes

6/19/2013

\$117.48

AS ABOVE

Line Total:

Line Total:

\$117.48

M6061T6S.063

6061-T6 .063 Sheet

6/19/2013

Yes

6/19/2013

\$625.86

MATERIAL; 6061-T6/T62 ALUMINUM SHEET AS PER QO-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209

\$625.86

M6061T6S.125

6061-T6 .125 Sheet

6/19/2013 Yes

\$129.83

AS ABOVE

6/19/2013



Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO20192

Purchase Order Date 6/14/2013 PO Print Date 6/14/2013

Page Number 5 of 5

Order From:

RYERSON

200 DU CHEMINOT

VAUDREUIL, QUEBEC J7V 5V5

VC-RYS001

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Ship Acet:

450-424-0153

Yours ppd

Buyer

Chantal Lavoie

Customer POID Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

M304S11GA

304/316 0.125 Sheet

6/19/2013

\$129.83

Yes 6/19/2013

\$1,452.00

MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240

Line Total:

Line Total:

\$1,452.00

M304S14GA 15

304SS sheet .080

6/19/2013

Yes

\$592.00

AS ABOVE

6/19/2013

Line Total:

\$592.00

PO Total:

\$4,774.89

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required / YES

Change Nbr:

Change Date:

6/14/2013